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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

( - co3)	Application Number	09/646,478
TRANSMITTAL FORM	Filing Date	September 15, 2000
	First Named Inventor	JEN et al.
ATEMT & TRANSPORTED (to be used for all correspondence after filing)	Group Art Unit	NYA
(** ** moon jo: an correspondence ajici jiming)	Examiner Name	NYA
Total number of Pages in this submission 10	Attorney Docket No.	126881201800

Commissioner of Patents Washington, D.C. 20231

	ENCLOSURES (check all the	at apply)
☐ FEE TRANSMITTAL FORM	☐ ASSIGNMENT PAPERS	☐ AFTER ALLOWANCE
☐ FEE ATTACHED	(FOR AN APPLICATION)	COMMUNICATION TO GROUP
☐ AMENDMENT/RESPONSE	$\square$ Drawing(s)	☐ APPEAL COMMUNICATION TO BOARD
☐ After Final	☐ LICENSING-RELATED	OF APPEALS AND INTERFERENCES
☐ Affidavits' Declaration(s)	PAPERS	
	□ PETITION ROUTING SLIP	
☐ EXTENSION OF TIME	(PTO/SB/60) AND	☐ APPEAL COMMUNIATION TO GROUP
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EXPRESS ABANDONMENT REQUEST	☐ TO CONVERT A	☐ PROPRIETARY INFORMATION
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INCOMPLETE APPLICATION	☐ REQUEST FOR REFUND	ATTORNEY UNDER 37 C.F.R. § 3.71, STATEMENT
☐ RESPONSE TO MISSING PARTS		UNDER 37 CFR 3.73(b) WITH COPY OF PREVIOUSLY
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☐ ISSUE FEE TRANSMITTAL	REMARKS:	
BAKER & MCKENZIE	DATE: APRIA 25, 2001	
660 Hansen Way	Interested of	Alla De C
PALO ALTO, CALIFORNIA 94304  BY: ///WWWW ///WWW		
TELEPHONE: (650) 856-2400 ANTOINETTE F. KONSKI, REG. NO. 34,202		
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231 on this date: April 25, 2001.		
By:	<u> </u>	
Name of person signing: Mary R. Zimmerman		

## ATES PATENT AND TRADEMARK OFFICE

In re Application for:

Jin JEN, et al.

Application Serial No.: 09/646,478

(PCT/US99/06947)

Filing Date: September 15, 2000 (March 30, 1999)

For: METHODS FOR THE DIAGNOSIS AND TREATMENT OF LUNG CANCER

Examiner: Unassigned

Group Art Unit: Unassigned

Attorney's Docket No. 126881-201800

### PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY UNDER 37 C.F.R. § 3.71

Commissioner for Patents Washington, D.C. 20231

Sir:

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Logel Staff International Division

Johns Hopkins University, an assignee of the right, title and interest in this patent application, under 37 C.F.R § 3.71 hereby appoints:

> Antoinette F. Konski Mark Della Valle Michele Todd Wasmuth

Reg. No. 34,202 Reg. No. 34,147

Reg. No. 43,239

all of the firm Baker & McKenzie, 660 Hansen Way, Palo Alto, CA 94304, to prosecute this application and transact all matters in the U.S. Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R § 3.71.

Please direct all written communications relative to this application to:

Antoinette F. Konski Baker & McKenzie 660 Hansen Way Palo Alto, California 94304

Please direct all telephone communications to Antoinette F. Konski at (650) 856-556

Bv:

John Hopkins University

Dated: 4/4/01

Name: R. Keith Baker, Ph.D.

Title: Acting Director, Office of Technology

Licensing

Address: 111 Market Place, Suite 906 Baltimore, Maryland 21202

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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ENT & STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Jin JEN, et al.		
Application No./Patent No.: 09/646,478 File	ed/Issue Date: September 15, 2000	
Entitled: Methods for the Diagnosis and Treatment of Lung Car	ncer	
John Hopkins Univeristy , a Maryland	1	
(Name of Assignee) (Type of Assign	nee, e.g., corporation, partnership, university, government agency, etc.)	
states that it is:		
1. the assignee of the entire right, title, and interest;	or	
2. 🔀 an assignee of an undivided part interest		
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OR	,	
B. A chain of title from the inventor(s), of the patent applicate shown below:	tion/patent identified above, to the current assignee as	
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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.		
02/19/01	Mullen	
/ Date	Signature	
	Nina Ossanna, Ph.D.	
	Typed or printed name	
	Director, Office of Technology Licensing	
	Title	

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1.	Name of conveying party(ies): Ji	inJen; and David Sidransky	2. Name and address of receiving party(ies):
X	Individual(s)	☐ Association	Name: John Hopkins University
	General Partnership	☐ Limited Partnership	Address: School of Medicine
	Corporation-State	☐ Other	824 Ross Research Building 720 Rutland Avenue
Add	litional name(s) of conveying party	(ies) attached? ☐ Yes ■ No	City: Baltimore State: Maryland Zip Code: 21202 USA
3.	Nature of conveyance:		Additional name(s) & address(es) attached? ☐ Yes ■ No
X	Assignment	erger	
	_	nange of Name	
	-		
	cution Date: January 3 and 4, 20		
4.	Application number(s) or patent n		
	If this document is being filed wit	th a new application, the executi	ion date of the application is:
	A. Patent Application No.(s):		B. Patent No.(s):
	Additional numbers attached?	Yes ■ No	
5. 1	Name and address of party to whom	correspondence concerning	6. Total number of applications and patents involved: 1
	locument should be mailed:		The state of the s
			7. Total fee (37 C.F.R. § 3.41): \$40.00
	Antoinette F. Konski		
	Baker & McKenzie		☑ Enclosed
	660 Hansen Way Palo Alto, California 94304		☐ Authorized to be charged to deposit account, referencing
'	raio Aito, Camornia 94304		Attorney Docket No.
The (	Commissioner is hereby authorized to charge	nny face under 27 C E D \$1 21 that now	8. Deposit account number: 50-0974 be required by this paper, or to credit any overpayment to Deposit Account No. 50-0974
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the			
original document.			
Nome Andriante E Vandi (D. N. 2000) /////////////////////////////////			
Name: Antoinette F. Konski (Reg. No. 34,202)  Date: January 11, 2001			
Signature  Total number of pages comprising cover sheet, attachments and document: 5			
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#### ASSIGNMENT JOINT

THIS ASSIGNMENT, by Jin Jen and David Sidransky (hereinafter referred to as the assignors), residing at 2104 Heritage Drive, Baltimore, Maryland 21209 and 3007 Northbrook Rd., Baltimore, Maryland 21209 respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in METHODS FOR THE DIAGNOSIS AND TREATMENT OF LUNG CANCER, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/646,478, based on PCT International PCT/US99/06947, filed on March 30, 1999, and

WHEREAS, John Hopkins University, a university duly organized under and pursuant to the laws of Maryland and having its principal place of business at School of Medicine, 824 Ross Research Building, 720 Rutland Avenue, Baltimore, MD 21202 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representative and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representative and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent abovementioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representative and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers an documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, Legal representatives and assigns, but at the cost and expense of said assignee, is successors, legal representatives and assigns.

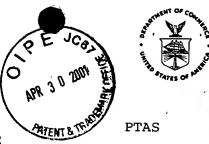
said as		the Commissioner of Patents to issue said Letters Patent of the United States to ons and the Letters Patent to be issued thereon for the sole use of said assignee,
its succ	essors, legal representatives and assi	gns.
	1/3/81	A-A-
Date	<del>/   · · · · · · · · · · · · · · · · · · </del>	Jin Jen V
	,	
Date	1/4/01	David Sidransky

#### **ASSIGNMENT**

We, Jin Jen and David Sidransky, whose full post office addresses are 2412 St. George Way, Brookeville, Maryland 20833 and 3007 Northbrook Road, Baltimore, Maryland 21209, respectively, in consideration of \$1.00, the receipt of which is hereby acknowledged and other good and valuable consideration, do hereby sell and assign to John Hopkins University, whose full post office address is School of Medicine, 824 Ross Research Building, 720 Rutland Avenue, Baltimore, Maryland 21205, all our rights, title and interests in Canada in and to the invention disclosed in an application for patent relating to, and entitled METHODS FOR THE DIAGNOSIS AND TREATMENT OF LUNG CANCER, the application originating from PCT application number PCT/US99/06947 and bearing the Canadian Patent Application No. 2,323,058, and international filing date of 30 March 1999, and to all our corresponding rights, title and interests in and to any patent which may be, or has been granted therefor.

The Assignors hereby require th	nat this assignment be drawn in the English language.
SIGNED at Bethesda, Mi City and State	D. USA.
City and State	Country
This 3th day of Jamary	Jin Jen
STAT	EMENT BY WITNESS
I, <u>OTHINANINE PLAYER</u> 14809 CHERRY LEAF TERRAL	whose full post office address is
<i>J</i>	<u>.</u>
was personally present and did see within assignment and such assignor is such document.	execute the personally known to me to be the person described in Signature of Witness

SIGNED at BALTIMORE MD	USA
City and State	. Country
This 4 day of JANNARY	, 200♥.
	David Sidransky
STATEM	ENT BY WITNESS
I, MOBIN LIN BREWSTER	whose full post office address is
- GOAN CHURCHILL R	LO. BEL AIR MO 21014
	onally known to me to be the person described in
	Arthe Lie BAC.
	Signature of Witness



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APRIL 06, 2001

BAKER & MCKENZIE
ANTOINETTE F. KONSKI
660 HASEN WAY
PALTO ALTO, CA 94304

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/17/2001

REEL/FRAME: 011456/0750

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JEN, JIN

DOC DATE: 01/03/2001

ASSIGNOR:

SIDRANSKY, DAVID

DOC DATE: 01/04/2001

ASSIGNEE:

JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE 824 ROSS RESEARCH BLDG/ 720 RUTLAND AVENUE BALTIMORE, MARYLAND 21202

SERIAL NUMBER: 09646478

PATENT NUMBER:

FILING DATE: ISSUE DATE:

Baker & McKenzie

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011456/0750 PAGE 2

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